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## RAW SEQUENCE LISTING

DATE: 02/25/2002

PATENT APPLICATION: US/10/066,810

TIME: 14:44:28

Input Set : A:\36668seq.txt

Output Set: N:\CRF3\02252002\J066810.raw

## SEQUENCE LISTING

## 4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Mandelkow, Eva-Maria  
7 Mandelkow, Eckhard  
8 Lichtenberg-Kraag, Birgit  
9 Biernat, Jacek  
10 Drewes, Gerard  
11 Steiner, Barbara  
13 (ii) TITLE OF INVENTION: Novel Tools For The Diagnosis And  
14 Treatment Of Alzheimer's Disease  
16 (iii) NUMBER OF SEQUENCES: 1  
18 (iv) CORRESPONDENCE ADDRESS:  
19 (A) ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
20 (B) STREET: 233 South Wacker Drive, 6300 Sears Tower  
21 (C) CITY: Chicago  
22 (D) STATE: Illinois  
23 (E) COUNTRY: United States of America  
24 (F) ZIP: 60606-6402  
26 (v) COMPUTER READABLE FORM:  
27 (A) MEDIUM TYPE: Tape  
28 (B) COMPUTER: IBM PC compatible  
29 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
30 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25  
32 (vi) CURRENT APPLICATION DATA:  
C--> 33 (A) APPLICATION NUMBER: US/10/066,810  
C--> 34 (B) FILING DATE: 04-Feb-2002  
35 (C) CLASSIFICATION:  
37 (viii) ATTORNEY/AGENT INFORMATION:  
38 (A) NAME: Joseph A. Williams, Jr.  
39 (B) REGISTRATION NUMBER: 38,659  
40 (C) REFERENCE/DOCKET NUMBER: 28384/32777  
42 (ix) TELECOMMUNICATION INFORMATION:  
43 (A) TELEPHONE: 312-474-6300  
44 (B) TELEFAX: 312-484-0448  
45 (C) TELEX: 25-3856  
47 (2) INFORMATION FOR SEQ ID NO: 1:  
49 (i) SEQUENCE CHARACTERISTICS:  
50 (A) LENGTH: 441 amino acids  
51 (B) TYPE: amino acid  
52 (C) STRANDEDNESS: single  
53 (D) TOPOLOGY: linear  
55 (ii) MOLECULE TYPE: protein  
57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

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```

59 Met Ala Glu Pro Arg Gln Glu Phe Glu Val Met Glu Asp His Ala Gly
60 1 5 10 15
62 Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr Met His
63 20 25 30
65 Gln Asp Gln Glu Gly Asp Thr Asp Ala Gly Leu Lys Glu Ser Pro Leu
66 35 40 45
68 Gln Thr Pro Thr Glu Asp Gly Ser Glu Glu Pro Gly Ser Glu Thr Ser
69 50 55 60
71 Asp Ala Lys Ser Thr Pro Thr Ala Glu Asp Val Thr Ala Pro Leu Val
72 65 70 75 80
74 Asp Glu Gly Ala Pro Gly Lys Gln Ala Ala Gln Pro His Thr Glu
75 85 90 95
77 Ile Pro Glu Gly Thr Thr Ala Glu Glu Ala Gly Ile Gly Asp Thr Pro
78 100 105 110
80 Ser Leu Glu Asp Glu Ala Ala Gly His Val Thr Gln Ala Arg Met Val
81 115 120 125
83 Ser Lys Ser Lys Asp Gly Thr Gly Ser Asp Asp Lys Lys Ala Lys Gly
84 130 135 140
86 Ala Asp Gly Lys Thr Lys Ile Ala Thr Pro Arg Gly Ala Ala Pro Pro
87 145 150 155 160
89 Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg Ile Pro Ala Lys Thr Pro
90 165 170 175
92 Pro Ala Pro Lys Thr Pro Pro Ser Ser Gly Glu Pro Pro Lys Ser Gly
93 180 185 190
95 Asp Arg Ser Gly Tyr Ser Ser Pro Gly Ser Pro Gly Thr Pro Gly Ser
96 195 200 205
98 Arg Ser Arg Thr Pro Ser Leu Pro Thr Pro Pro Thr Arg Glu Pro Lys
99 210 215 220
101 Lys Val Ala Val Val Arg Thr Pro Pro Lys Ser Pro Ser Ser Ala Lys
102 225 230 235 240
104 Ser Arg Leu Gln Thr Ala Pro Val Pro Met Pro Asp Leu Lys Asn Val
105 245 250 255
107 Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys His Gln Pro Gly Gly
108 260 265 270
110 Gly Lys Val Gln Ile Ile Asn Lys Lys Leu Asp Leu Ser Asn Val Gln
111 275 280 285
113 Ser Lys Cys Gly Ser Lys Asp Asn Ile Lys His Val Pro Gly Gly Gly
114 290 295 300
116 Ser Val Gln Ile Val Tyr Lys Pro Val Asp Leu Ser Lys Val Thr Ser
117 305 310 315 320
119 Lys Cys Gly Ser Leu Gly Asn Ile His His Lys Pro Gly Gly Gly Gln
120 325 330 335
122 Val Glu Val Lys Ser Glu Lys Leu Asp Phe Lys Asp Arg Val Gln Ser
123 340 345 350
125 Lys Ile Gly Ser Leu Asp Asn Ile Thr His Val Pro Gly Gly Gly Asn
126 355 360 365
128 Lys Lys Ile Glu Thr His Lys Leu Thr Phe Arg Glu Asn Ala Lys Ala
129 370 375 380
131 Lys Thr Asp His Gly Ala Glu Ile Val Tyr Lys Ser Pro Val Val Ser

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132	385	390	395	400
134	Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser			
135	405	410	415	
137	Ile Asp Met Val Asp Ser Pro Gln Leu Ala Thr Leu Ala Asp Glu Val			
138	420	425	430	
140	Ser Ala Ser Leu Ala Lys Gln Gly Leu			
141	435	440		

VERIFICATION SUMMARY

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L:33 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:34 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]